

## TRAFFIC SUMMARY

	ALTERNATE	Alt.3/Two 2-Lane	Alt. 4/4-Lane (New Align.)	Alt. 6/4-Lane (Existing Align.)	Alt. 7/No Build
	SEGMENT TERMINI	Bridge	Bridge	Bridge	Bridge
TRAFFIC VOLUMES Existing	ADT Yr. 2001	25,500 <sup>#</sup>	25,500 <sup>#</sup>	25,500 <sup>#</sup>	25,500 <sup>#</sup>
Const. Year	ADT Yr. 2005	27,164 <sup>#</sup>	27,386 <sup>#</sup>	27,609 <sup>#</sup>	29,518 <sup>†</sup> 31,586 <sup>‡</sup>
Const. Plus 10 Yr.	ADT Yr. 2015	28,255 <sup>#</sup>	28,795 <sup>#</sup>	29,336 <sup>#</sup>	33,973 <sup>†</sup> 38,995 <sup>‡</sup>
Design Year**	ADT Yr. 2025	29,345 <sup>#</sup>	30,205 <sup>#</sup>	31,064 <sup>#</sup>	38,427 <sup>†</sup> 46,405 <sup>‡</sup>
	DHV Yr. 2025	2,654 <sup>#</sup>	2,721 <sup>#</sup>	2,861 <sup>#</sup>	3,893 <sup>#†</sup> 4,094 <sup>‡</sup>
TRAFFIC FACTORS	K100 (30, 100, or %)	10%	10%	10%	10%
	D (%)	52%	52%	52%	52%
	T (% of ADT)	7%	7%	7%	7%
	T (% of DHV)	7%	7%	7%	7%
	Level of Service	C	C	D	F
SPEEDS Existing	Posted 25 mph	25 mph	25 mph	25 mph	25 mph
Design Year**	Posted 25 mph	25 mph	25 mph	25 mph	25 mph
	Project Design Speed	30 mph	30 mph	30 mph	30 mph
OTHER (specify)	P (% of ADT)	10%	10%	10%	10%
	K (% OF ADT)	NA	NA	NA	NA

\*\* Assumes Southern Bridge will be built in approximately 2015

ADT = Average Daily Traffic

DHV = Design Hourly Volume

K<sub>30,100</sub> or % = K<sub>30</sub> = Rural, K<sub>100</sub> = Urban, % = ADT in DHV

D = % DHV in predominate direction of travel

T = Trucks

P = % ADT in Peak hour

K<sub>8</sub> = % ADT occurring in the average of the 8 highest consecutive hours of traffic on an average day. (Only required when a carbon monoxide analysis must be performed per Wisconsin Administrative Code - Chapter NR 411.)

# From ([Claude Allouez Bridge Location Study](#)) ([Appendix E](#)) – Bridge Location Study by RUST, or projected from the 2020 values in the study.

† Based on 2020 Brown County Planning Commission projected ADT (34,400) with southern bypass bridge included in analysis.

‡ Based on 2020 Brown County Planning Commission projected ADT (42,700) without southern bypass bridge in analysis.